CORRECTED VERSION

(19) World Intellectual Property Organization

International Bureau



(43) International Publication Date 28 July 2005 (28.07.2005)

PCT

(10) International Publication Number WO 2005/069333 A1

H01H 71/02 (51) International Patent Classification7:

(21) International Application Number:

PCT/F12005/000026

- (22) International Filing Date: 18 January 2005 (18.01.2005)
- (25) Filing Language:
- (26) Publication Language: English
- (30) Priority Data:

19 January 2004 (19.01.2004)

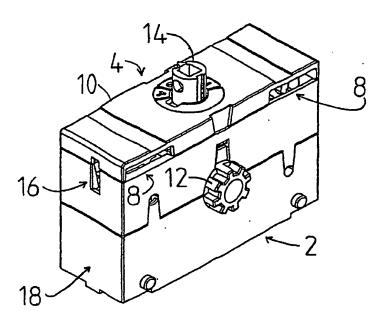
- 20040071 (71) Applicant (for all designated States except US): ABB OY [FI/FI]; Strömbergintie 1, FI-00380 Helsinki (FI).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): MATTLAR, Harri [FI/FI]; Jungsundsvägen 809, FI-65760 Iskmo (FI). KOLMONEN, Rainer [FI/FI]; Urputie 3 as 1, FI-66400 Laihia (FI). SALO, Juho [FI/FI]; Huuhkajankatu 19 A 2,

FI-65320 Vaasa (FI). PIKKALA, Osmo [FI/FI]; Kronvikintie 323, FI-65410 Sundom (FI). SUUTARINEN, Aki [FI/FI]; Pihkatie 12 A 5, FI-65320 Vaasa (FI). ALANEN, Jarkko [FI/FI]; Koukkuluomantie 301, FI-62375 Ylihärmä (FI). TUONONEN, Martti [FI/FI]; Fasaaninkatu 2 A 2, FI-65370 Vaasa (FI).

- (74) Agent: KOLSTER OY AB; Iso Roobertinkatu 23, PO Box 148, FI-00121 Helsinki (FI).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM. ZW.

[Continued on next page]

(54) Title: SWITCHING DEVICE MODULE



(57) Abstract: A switching device module comprising a frame (2), the switching device module being adapted to be connected to another switching device module for providing a modular switching device. The frame (2) of the switching device module is provided with one or more wire troughs (8), each of which is adapted to receive at least one wire of an auxiliary circuit of said modular switching device.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SN, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT,

BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations
- of inventorship (Rule 4.17(iv)) for US only

Published:

- with international search report
- (48) Date of publication of this corrected version: 15 September 2005
- (15) Information about Correction: see PCT Gazette No. 37/2005 of 15 September 2005, Section II

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.